Administative stuff

• If the folks that manage the computer systems have to apply patches, they do so on Friday evenings. The systems usually do not come back up reliably until 8-10pm, so the grading servers are started in the time frame if I am available.

cs163/164: Elementary Programming

Question

Which line successfully reads an integer from the keyboard into the declared variable?

```java
int myInteger;
Scanner scan = new Scanner(System.in);
A. myInteger = scan.next();
B. myInteger = scan.nextInt();
C. myInteger = scan.nextDouble();
D. myInteger = nextInt();
E. None of the above
```
Which line successfully reads an integer from the keyboard into the declared variable?

```java
int myInteger;
Scanner scan = new Scanner(System.in);
A. myInteger = scan.next();
B. myInteger = scan.nextInt();
C. myInteger = scan.nextInt();
D. myInteger = nextInt();
E. None of the above
```

What is the value of the declared boolean after execution of the following code?

```java
boolean canDrive;
int age = 16;
if (age > 16)
    canDrive = true;
System.out.println(canDrive);
```

A. false
B. true
C. Will not compile!

What is the value of the declared boolean after execution of the following code?

```java
boolean canDrive;
int age = 16;
if (age > 16)
    canDrive = true;
System.out.println(canDrive);
```

A. false
B. true
C. Will not compile!
What is the value of the declared boolean after execution of the following code?

```java
int i = 100, j = 200, k = 300;
boolean myBoolean;
if (i <= j <= k)
    myBoolean = true;
else
    myBoolean = false;
```

A. false  
B. true  
C. Will not compile!

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CS163/164: Conditionals

Are the first and second code segments shown below identical?

// First code segment
if (even == true)  
    System.out.println("It is even.");
// Second code segment
if (even)  
    System.out.println("It is even.");

A. Yes  
B. No  
C. Depends on the boolean

---

CS163/164: Conditionals

What is the value of the declared boolean after execution of the following code?

```java
int i = 100, j = 200, k = 300;
boolean myBoolean;
if (i <= j <= k)
    myBoolean = true;
else
    myBoolean = false;
```

A. false  
B. true  
C. Will not compile!

---

CS163/164: Conditionals

Are the first and second code segments shown below identical?

// First code segment
if (even == true)  
    System.out.println("It is even.");
// Second code segment
if (even)  
    System.out.println("It is even.");

A. Yes  
B. No  
C. Depends on the boolean